

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of: ) Group Art Unit: 1616  
)  
BARBARELLA et al. ) Examiner: A.M. D'Souza  
)  
Serial No.: Not yet assigned ) PRELIMINARY AMENDMENT  
)  
Filed: Herewith 2000 ) "EXPRESS MAIL" MAILING LABEL NUMBER: EL545146582US  
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Atty. File No.: 3797IN-1-CIP ) I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING  
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) ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C.  
For: "LUMINESCENT ORGANIC ) 20231.  
MATERIAL FOR LIGHT-EMITTING )  
DEVICES" ) TYPED OR PRINTED NAME: Brenda Carpenter  
Assistant Commissioner for Patents  
Washington, D.C. 20231  
SIGNATURE: Brenda Carpenter

Dear Sir:

Prior to the initial review of the above-identified patent application by the Examiner, please enter the following Preliminary Amendment. Although Applicants do not believe that any fees are due based upon the filing of this Preliminary Amendment, please charge any such fees to Deposit Account 19-1970.

Please amend the above-identified patent application as follows:

IN THE SPECIFICATION:

On page 1, line 5, please add the following paragraph:

## RELATED APPLICATION

This is a Continuation-in-Part application of pending prior application No. 09/540,659 filed March 31, 2000. The entire disclosure of the prior application is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference.

## IN THE CLAIMS:

Please cancel Claims 1-8 without prejudice to or disclaimer of the subject matter contained therein, and add the following new claims:

9. (Added) A light emitting, organic LED device comprising at least one film and at least one power supply element, characterized in that, in combination:

(i) said at least one film includes a light emitting thienyl-S,S-dioxide compound that has a ring; and

(ii) said at least one film directly incorporates said at least one power supply element without the necessity of contacting or welding.

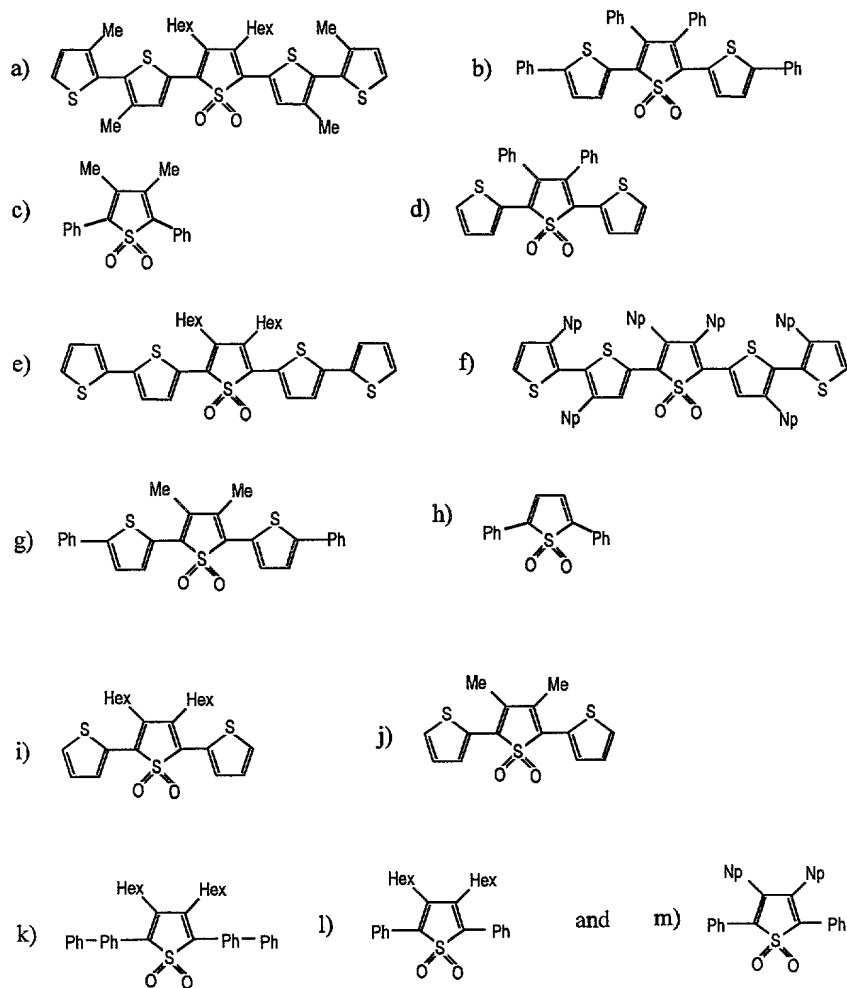
10. (Added) The light emitting device of Claim 9, wherein said light emitting thienyl-S,S-dioxide compound is substituted in an  $\alpha$  position of the ring with at least one thiophene ring.

11. (Added) The light emitting device of Claim 9, wherein said light emitting thienyl-S,S-dioxide compound is substituted in the  $\beta$  position of the ring with at least one alkyl or aryl group.

12. (Added) The light emitting device of Claim 9, wherein said light emitting thienyl-S-S-dioxide compound is of such a structure so as to prevent  $\pi$ - $\pi$  stacking and is devoid of planar or partly planar steric structures.

12. (Added) The light emitting device of Claim 9, wherein said light emitting thienyl-S-S-dioxide compound is of such a structure so as to prevent  $\pi$ - $\pi$  stacking and is devoid of planar or partly planar steric structures.

13. (Added) The light emitting device of Claim 9, wherein said light emitting thienyl-S,S-dioxide compound is selected from the group consisting of:



wherein Me = methyl; Hex = n-hexyl; Np = neo-pentyl; Ph = phenyl; and Ph-Ph = p-biphenyl.

14. An electric contact including a light emitting thienyl-S,S-dioxide compound.

Respectfully submitted,

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